

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	48	liverance and ("273"/\$.ccls. or "463"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 12:05
L2	2	liverance.in. and ("273"/\$.ccls. or "463"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 12:05
L3	155	"rasmussen, james".in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 12:13
L4	1	"strahinic, gary".in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 12:17
L7	0	"tastad, greg".in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 12:14
L8	18	"tastad, gregory".in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 12:14
L9	0	"strahinic, gerald".in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 12:17

## EAST Search History

L10	2144	wms.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 12:17
S1	43	eye\$1phone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 11:40

## EAST Search History

S2	159	("5676234" "5535872" "5580310" "4282892" "6014594" "6125307" "6200213" "4966304" "5913399" "5967287" "6128550" "4844464" "4926996" "5016880" "5190495" "5415417" "3845849" "4518098" "4535794" "5316517" "5320207" "5450938" "5467857" "5484334" "5494287" "5516293" "5536008" "5544728" "5662520" "5697611" "5749784" "5931731" "5984771" "6068101" "6139419" "6168513" "6350193" "6827647" "6857959" "5895456" "6394907" "6564997" "6866586" "6935957" "5467856" "6135261" "5662202" "6575833" "6773348" "6168001" "6200213" "4335809" "4282892" "4966304" "5913399" "5967287" "5676234" "6014594" "6125307" "6128550" "4844464" "4926996" "5016880" "5190495" "5415417" "3845849" "4518098" "4535794" "5316517" "5320207" "5450938" "5467857" "5484334" "5494287" "5516293" "5536008" "5535872" "5544728" "5580310" "5662520" "5697611" "5749784" "5931731" "5984771" "6068101" "6139419" "6168513" "6350193" "6827647" "6857959" "20010015310" "20020019210" "20040033095" "20050009598" "20050176498" "6168001" "4503961" "5277424" "5467856" "5611730" "6292830" "5500486" "5243494" "20040002843" "5526039" "5247650" "20050009608" "5537641" "6287765" "5544249" "6246416" "5576984" "7085694" "5587548" "20030079207" "5619433" "20060065108" "5684724" "7013704" "5692945" "20030183023" "5710431" "4290054" "5758264" "5307479" "5859962" "20040210428" "5896303" "5544305" "5920492" "5819068" "5927990" "7058896" "5963731" "20030132973" "6038383" "20060149516" "6166744" "4757761" "6187032" "5333865" "6381564" "5494472" "6658319" "6021359" "20010011208" "6268853" "20020188375" "20060252458" "20030154092" "5803608" "5438673" "4839812" "4870561" "5338206" "5394346" "5594173" "5678028" "5734008" "5880367"	US-PGPUB; USPAT	OR	ON	2007/08/14 12:18
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## EAST Search History

S3	264	(coin or token or medal or medallion or penny or nickel or dime or quarter or half\$1dollar or fifty\$1cent\$1piece or dollar or euro or pound or yen or pence or shilling or disk or disk) same (path or slot or chute or tube or passage) same (slow\$3 or decelerat\$3 or ((reduc\$3 or reduction or cut\$4 or decreas\$3) adj (speed or rate or velocity))) same ((prevent\$3 or reduc\$3 or reduction or stop\$4 or cut\$4 or minimiz\$5 or minimis\$5) adj (jam\$4 or block\$4 or stick\$3 or stuck or obstruct\$3 or clog\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 17:34
S4	352	453/3.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 16:10
S5	4	("07185131" "11053563" "11128534" "11128535").pn.	JPO	OR	ON	2007/08/14 16:11
S6	2	"5616078".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 16:29
S7	8	("20030054327" "20030040373" "6375579" "5846139" "4577863" "3563553" "5486001" "5413345").pn.	US-PGPUB; USPAT	OR	ON	2007/08/14 16:48
S8	60	"5616078"	US-PGPUB; USPAT	OR	ON	2007/08/14 16:48
S9	2	("5616078").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/14 16:57
S10	186	453/5.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 18:23

## EAST Search History

S11	171	453/9.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 18:38
S12	47774	(slot or fruit or poker or prize) adj (machine or game or device or terminal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 19:57
S13	1092	S12 and ("194"/\$.ccls. or "222"/\$. ccls. or "235"/\$.ccls. or "453"/\$. ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 18:39
S14	220683	(coin or token or medal or medallion or penny or nickel or dime or quarter or half\$1dollar or fifty\$1cent\$1piece or dollar or euro or pound or yen or pence or shilling or disk or disk) same ((path or slot or chute or tube or passage) with (pivot\$3 or arm or armature or latch\$3 or pin or dowel or spring or member))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 19:50
S15	17697	S14 and ("273"/\$.ccls. or "463"/\$. ccls. or "194"/\$.ccls. or "222"/\$. ccls. or "235"/\$.ccls. or "453"/\$. ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 19:50
S16	1623505	(slow\$3 or decelerat\$3 or ((reduc\$3 or reduction or cut\$4 or decreas\$3) adj (speed or rate or velocity)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 19:52
S17	13994	S14 same S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 19:52

## EAST Search History

S18	1050	S17 and ("273"/\$.ccls. or "463"/\$.ccls. or "194"/\$.ccls. or "222"/\$.ccls. or "235"/\$.ccls. or "453"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 19:56
S19	1031	S18 not S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 19:56
S20	264	(coin or token or medal or medallion or penny or nickel or dime or quarter or half\$1dollar or fifty\$1cent\$1piece or dollar or euro or pound or yen or pence or shilling or disk or disk) same (path or slot or chute or tube or passage) same (slow\$3 or decelerat\$3 or ((reduc\$3 or reduction or cut\$4 or decreas\$3) adj (speed or rate or velocity))) same ((prevent\$3 or reduc\$3 or reduction or stop\$4 or cut\$4 or minimiz\$5 or minimis\$5) adj (jam\$4 or block\$4 or stick\$3 or stuck or obstruct\$3 or clog\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 19:57
S21	1020	S19 not S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 20:03
S22	0	"crouch, dennis"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 20:04
S23	2	("7193892").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/14 20:11

## EAST Search History

S24	2	("6937937").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/14 20:11
S26	14	(US-20050016815-\$ or US-20030150688-\$).did. or (US-7213697-\$ or US-6766892-\$ or US-1993464-\$ or US-3845849-\$). did. or (US-2148828-\$ or US-2021984-\$ or US-0459673-\$). did. or (GB-2200489-\$).did.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/08/15 15:03
S27	0	conical\$1compression\$1spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 16:38
S28	24	("20010018628" "20010039210" "2 0020025851" "20030065571" "5359 528" "5365451" "5612875" "564308 6" "5774872" "5779283" "5875433"  "5928291" "6016479" "6078899" " 6104815" "6104815" "6154172" "62 53129" "6697787" "6702672" "6714 857" "6767284" "7043448" "708351 7" "7117075").PN.	US-PGPUB; USPAT	OR	ON	2007/08/15 16:38
S29	0	(coin or token or medal or medallion or penny or nickel or dime or quarter or half\$1dollar or fifty\$1cent\$1piece or dollar or euro or pound or yen or pence or shilling or disk or disk) same (path or slot or chute or tube or passage) same conical\$1compression\$1spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 20:23
S30	0	(coin or token or medal or medallion or penny or nickel or dime or quarter or half\$1dollar or fifty\$1cent\$1piece or dollar or euro or pound or yen or pence or shilling or disk or disk) same (path or slot or chute or tube or passage) and conical\$1compression\$1spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 17:35

## EAST Search History

S31	98	(coin or token or medal or medallion or penny or nickel or dime or quarter or half\$1dollar or fifty\$1cent\$1piece or dollar or euro or pound or yen or pence or shilling or disk or disk) same (path or slot or chute or tube or passage) same compression\$1spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 17:38
S32	19	((coin or token or medal or medallion or penny or nickel or dime or quarter or half\$1dollar or fifty\$1cent\$1piece or dollar or euro or pound or yen or pence or shilling or disk or disk) same (path or slot or chute or tube or passage)) and ((cone or conical) same compression\$1spring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 17:46
S33	0	((blister or bump or bubble) same conical\$1compression\$1spring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 17:47
S34	5	((blister or bump or bubble) same compression\$1spring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 17:48
S35	6496	(blister or bump or bubble) with spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 17:48
S36	1	(blister or bump or bubble) with compression\$1spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 17:50
S37	5	(blister or bump or bubble) same compression\$1spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 17:50



## EAST Search History

S38	315	(path or slot or chute or tube or passage) same (pivot\$3 or arm or armature or latch\$3 or pin or dowel or spring or member) with compression\$1spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 18:17
S39	0	(path or slot or chute or tube or passage) same (plate with conical\$1compression\$1spring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 18:37
S40	40	(path or slot or chute or tube or passage) same (plate with compression\$1spring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 18:27
S41	4	((plate or arm or armature or member or pivot or latch or pin or dowel) with compression\$1spring with check)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 18:37
S42	0	((cone or conical) with compression\$1spring with check)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 18:36
S43	13210	(chute or slot) with latch with spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 18:36
S44	247594	(path or slot or chute or tube or passage) with (plate or arm or armature or member or pivot or latch or pin or dowel) with spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 18:38

## EAST Search History

S45	3266760	(coin or token or medal or medallion or penny or nickel or dime or quarter or half\$1dollar or fifty\$1cent\$1piece or dollar or euro or pound or yen or pence or shilling or disk or disk)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 18:38
S46	37147	S44 same S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 18:38
S47	14512	S44 with S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 18:39
S48	2564	S47 and ("194"/\$.ccls. or "222"/\$.ccls. or "235"/\$.ccls. or "453"/\$.ccls. or "273"/\$.ccls. or "463"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 18:40
S49	1835	S47 and ("194"/\$.ccls. or "453"/\$.ccls. or "273"/\$.ccls. or "463"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 18:47
S50	66	S47 same coin adj accept\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 19:43
S51	11	chute with (one\$1way or one\$1direction\$2 or uni\$1directional) with (latch or check)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 20:02

## EAST Search History

S52	1	chute with (one\$1way or one\$1direction\$2 or uni\$1directional) with (rocker)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 20:02
S53	1985	(coin or token or medal or medallion or penny or nickel or dime or quarter or half\$1dollar or fifty\$1cent\$1piece or dollar or euro or pound or yen or pence or shilling or disk or disk) adj check	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 20:30
S54	48	S53 with (one\$1way or uni\$1direction\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 20:24
S55	56	S53 with (one\$1way or uni\$1direction\$2 or one\$1direction\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 20:24
S56	159	(coin or token or medal or medallion or penny or nickel or dime or quarter or half\$1dollar or fifty\$1cent\$1piece or dollar or euro or pound or yen or pence or shilling or disk or disk) adj (see\$1saw or rocker)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 20:31
S57	0	S56 with (one\$1way or uni\$1direction\$2 or one\$1direction\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 20:31
S58	29	453/15.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 21:10

## EAST Search History

S59	183	453/54.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 21:19
S60	157	453/22.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/16 11:56